

Converting Colors

Android(4284387542)

Have a look what the booklet for
Android(4284387542) contains.

Android(4284387542)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4284387542)

Conversions

Conversions Part 1

Format	Color
Hex	5E90D6
RGB	94, 144, 214
RGB Percent	37%, 56%, 84%
CMY	0.6314, 0.4353, 0.1608
CMYK	0.56, 0.33, 0.00, 0.16
HSL	215°, 59%, 60%
HSV	215°, 56%, 84%
XYZ	26.7270, 27.1812, 67.4562
YIQ	137.0300, -52.2700, 11.1700

Conversions

Conversions Part 2

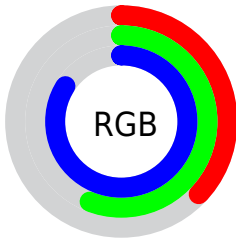
Format	Color
RYB	94, 129, 214
Decimal	6197462
CIELab	59.14, 3.69, -40.94
CIELCh	59, 41.108, 275.144
Yxy	27.1812, 0.2202, 0.2240
Android (android.graphics.Color)	4284387542 (0xFF5E90D6)
YUV	137.0300, 37.9462, -37.7373
Hunter-Lab	52.1356, 0.2694, -40.2180

Details

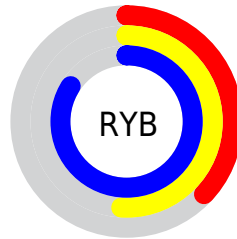
The Android color `4284387542` is a light color, and the websafe version is hex `6699CC`. The color can be described as light muted azure. A complement of this color would be `4292256862`, and the grayscale version is `4287203721`.

A 20% lighter version of the original color is `4288202495`, and `4279918239` is the 20% darker color. If you saturate the color by 10%, you get `4283008214`, and if you desaturate by 10%, it is `4285766870`.

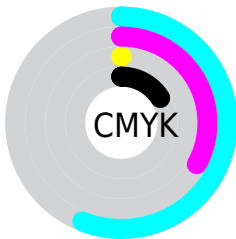
Distribution



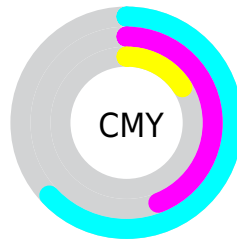
- Red (37%)
- Green (56%)
- Blue (84%)



- Red (37%)
- Yellow (51%)
- Blue (84%)



- Cyan (56%)
- Magenta (33%)
- Yellow (0%)
- Black (16%)



- Cyan (63%)
- Magenta (44%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284387542 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Android color 4284387542 by changing the saturation by 10% instead.



4284387542



4284387542

4294967295



4282415034



4288202495



4279918239



4290109951



4278208388



4292017919



4278202731



4293984255



4278197586



4278191675



4278190628



4278190092



4278190080

■ 4284387542

■ 4284387542

■ 4283008214

■ 4285766870

■ 4281563094

■ 4287211990

■ 4280183766

■ 4288591318

■ 4278738646

■ 4290036438

■ 4278213078

■ 4291415766

■ 4292795350

■ 4294240214

■ 4294964438

■ 4294967254

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4278229711



4284387542



4288316361

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4284387542



4291851879



4283015023

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4284387542



4292256862

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4286093393



4284387542



4290609741

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4284387542



4291981449



4288581188



4278231444

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4284387542



4290149048



4288581188



4284128612

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4284387542



4292142847



4284405412



4284903808



4278190080



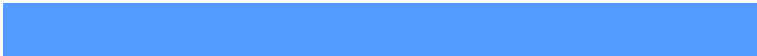
4286611584

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4284387542



4283735039



4285030102



4284507499



4278208427



4278194731

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4292238992



4294923419



4291614302



4285227109



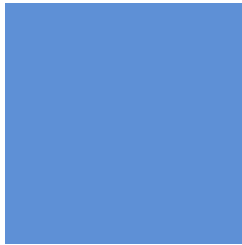
4289396807



4281008146

Previews

White Background



This preview shows how the Android color 4284387542 looks on a white background.

Color Contrast Check

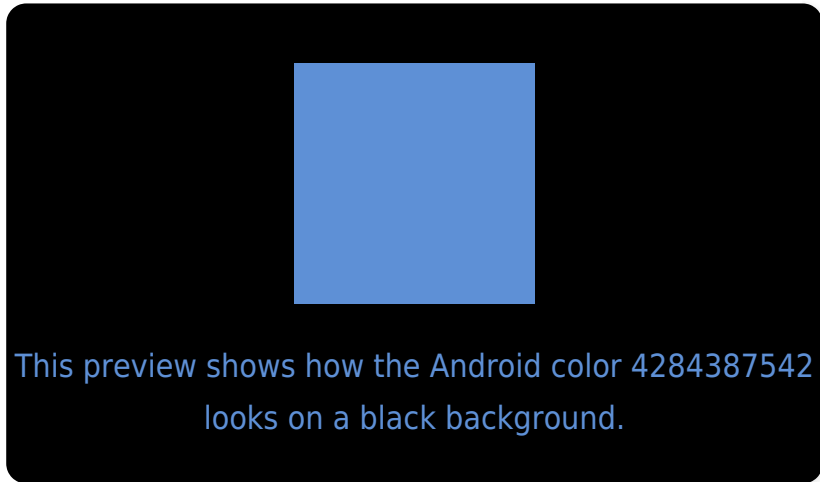
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

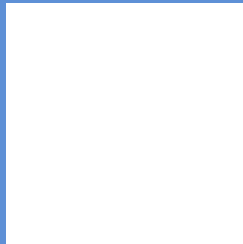
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4284387542 Background



This preview shows how black text looks on a background with the Android color 4284387542.



This preview shows how white text looks on a background with the Android color 4284387542.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
4284387542

Protanopia
4285959122

Deuteranopia
4285238743

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Android 4284387542 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(94, 144, 214)` looks like.

```
.text, #text, p{  
    color:rgb(94, 144, 214)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(94, 144, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 144, 214) }
```

Border

The CSS property to change the border of an element to Android 4284387542 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(94, 144, 214) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(94, 144, 214) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(94, 144, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(94, 144, 214); -webkit-box-shadow:4px 4px 4px 4px rgb(94, 144, 214); box-shadow:4px 4px 4px 4px rgb(94, 144, 214) }
```

Background

The CSS property to change the background color of an element to Android 4284387542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 144, 214) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(94, 144,  
214) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor